BRUHAT BENGALURU MAHANAGARA PALIKE

Clients Name	:	Executive Engineer Yelahanka Division
Project Name	:	Restoration and Improvements of Mahalakshmi layout, Balaji layout, Brg County-II & III, Bhaskar Reddy, Andhra layout, Thirumalangara and surrounding areas in ward no-03 of Yelahanka New town Sub Division
Consultants	:	Redspread Consultants
Project Manager /Team Leader	:	Karthik Rachan
Project Start Date	:	15-Feb-22
Project End Date	:	20-Jul-22
Project Length in Months	:	6 Months

Sl No	Assignment	Unit	Modified Schedule B Quantity	Qty of Work done	% Of Work done	Start Date	End Date	No of Working Days
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil encountered surfaces levelled and rules neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	10479.60	10479.60	100	16-02-22	30-04-22	73
2	Providing and Filling in foundation with granite / trap broken metal 100mm and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications.	Cum	590.25	590.25	100	18-03-22	28-03-22	10
3	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs with 40mm and down size graded granite metal coarse aggregates 60% 85mm and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM	Cum	1748.94	1748.94	100	19-02-22	05-05-22	75
4	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design. (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications, and as per the	Tonne	189.74	189.74	100	20-02-22	10-05-22	79
5	Providing laying plain reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs With 20mm and Down size granite metal coarse aggregate at 0.68cum and fine aggregate at 0.47cum Machine mixed, well compacted for wall and Bottom including centering shuttering cost of materials,HOM of Machinery,Curing Etc.,Complete Finishing cost of 5mtrl as per worth SOR/HM specifications and as per the directions of the	Cum	2621.78	2621.78	100	25-02-22	24-05-22	90
7	Providing and Laying Pre cast covering Slab 100mm thick made out of CC jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc.,complete. As per Engineer incharge.	Sqm	4644.20	4644.20	100	03-03-22	28-03-22	16
8	Removing and refixing stone slabs of drains and pointing in CM	Sqm	1577.86	1577.86	100	27-02-22	09-03-22	10
9	Providing one line drawing to granite stone slab - granite stone masonry as per specifications	Sqm	931.87	931.87	100	03-03-22	10-05-22	68
10	Providing and Laying pre cast covering Slab 150mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc.,complete. As per Engineer incharge.	Sqm	1153.20	1153.20	100	03-03-22	09-03-22	6
11	Providing and Laying RCC pre cast covering Slab 250mm thick for drain in CC 1:1.5:3 using graded granite jelly 20mm Down size with steel reinforcement including form work,lift charges, curing and concrete finished surfaces on both sides etc.complete and as per the directions of the Engineer-in-charge.	Sqm	795.06	795.06	100	03-03-22	28-03-22	19
12	Providing and laying in position plain cement concrete of Mix 1 : 4 with OPC @ 240kgs with 20mm and down size graded granite metal coarse aggregate @ 0.870 cum and fine aggregate @ 0.51cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and sills, including cost of all materials, labour, HOM curing complete as per specifications, and as per the directions of the Engineer-in-charge of	Cum	248.47	248.47	100	12-03-22	08-05-22	57
14	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1 : 2 with top and bottom width 114 and 165 mm respectively, 450mm high and 450mm in length finished with CM 1: 3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, load and lift, transportation etc.,complete, and as per the directions of the Engineer-in-charge of the work.	m	2765.00	2765.00	100	12-03-22	30-05-22	79
15	Painting two coats after filling the surfaces with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications SR/BCH Chapter 8 Specification No. 8.30(8)(5)(b)(ii)	Sqm	1189.18	1189.18	100	13-05-22	02-06-22	15
16	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines grades and cross sections, and transportation with a lead of 1.0 to 1.5 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work.	Cum	2800.72	2800.72	100	28-03-22	24-05-22	57
17	Compaction of original ground by mechanical means including filling in depressions occurring during rolling including cost of all labour, T.O.E complete as per specifications	Cum	8509.63	8509.63	100	26-02-22	26-05-22	89

BRUHAT BENGALURU MAHANAGARA PALIKE

Clients Name	:	Executive Engineer Yelahanka Division
Project Name	:	Restoration and Improvements of Mahalakshmi layout, Balaji layout, Best County-II & III, Bhaskar Reddy, Andhra layout, Thirumalanagara and surrounding areas in ward no-03 of Yelahanka New town Sub Division *(PACKAGE NO-10)*
Consultants	:	Rudraprasad Consultants
Project Manager /Team Leader	:	Karthik Pachar
Project Start Date	:	15-Feb-22
Project End Date	:	20-Jul-22
Project Length in Months	:	6 Months

Sl. No	Assignment	Unit	Modified Schedul B Quantity	Qty of Work done	% Of Work done	Start Date	End Date	No of Working Days
18	Construction of embankment with approved material Gravel /Murram with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murram, watering charges & compaction by vibratory roller to 95% of proctors density	Cum	3641.39	3641.39	100	28-02-22	26-05-22	87
19	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite /trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications	Cum	9779.07	9779.07	100	18-03-22	20-07-22	131
20	Providing, laying, spreading and compacting crushed stone aggregate of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications	Cum	12739.28	12739.28	100	16-03-22	25-06-22	101
21	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM including cleaning of road surface and spraying grease at the rate of 0.60 kg / sqm using mechanical means complete as per specification, and as per the directions of the Engineer-in-charge of the work	Sqm	63832.56	63832.56	100	05-04-22	16-07-22	104
22	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification used as per the directions of the Engineer-in-charge of the work	Cum	3191.63	3191.63	100	05-04-22	16-07-22	104
23	Providing and applying tack coat using SS 1hf grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HSSE complete as per specifications, and as per the directions of the Engineer-incharge of the work	Sqm	63832.56	63832.56	100	07-04-22	18-07-22	102
24	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Cum	2553.30	2553.30	100	07-04-22	18-07-22	102
25	Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 53mm and down size graded granite metal coarse aggregate at 0.96cum and fine aggregate 200 50cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15 L. Aggregate gradation after blending to be as per Table 600-3, optimum moisture content to be determined during trial length construction,	Cum	361.96	361.96	100	25-03-22	04-06-22	71
26	Constructing unreinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregate at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2002, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate vocals for,finer as per approved mix design, laid in approved fixed side form work	Cum	361.96	361.96	100	25-03-22	06-06-22	73
27	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface/ Concrete Surface. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete.	Sqm	1870.53	1870.53	100	15-04-22	20-07-22	96
28	Supply and Installion of Moulded Shark Fained Pavement Markers made of polycarbonate and Alfic Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of IRC:SP:35 Circular No.RW/ NH/33033/35/97 - DG (H) Dt.11.06. 1997. The height, width and	Nos	1146.00	1146.00	100	17-04-22	20-07-22	94